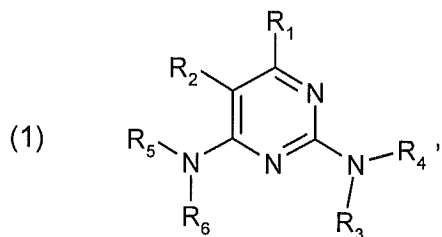


In the claims:

Claims 1-42 (cancelled).

43. **(new)** A method for the antimicrobial treatment of a surface of a plastic, which method comprises contacting said surface of a plastic with a surface coating composition containing an antimicrobially effective amount of a 2,4-bis(alkylamino)pyrimidine of formula



wherein

R₁ is methyl,

R₂ is hydrogen,

R₃ is hydrogen,

R₄ is butyl, amyl, hexyl, heptyl, octyl, nonyl, decyl, undecyl or dodecyl and

R₅ and R₆ together form a pyrrolidine, piperidine or morpholine ring;

or

R₁ is methyl,

R₂ is hydrogen,

R₃ and R₄ together form a pyrrolidine, piperidine or morpholine ring,

R₅ is hydrogen and

R₆ is butyl, amyl, hexyl, heptyl, octyl, nonyl, decyl, undecyl or dodecyl;

or

R₁ is methyl,

R₂ is straight chain C₃-C₈alkyl,

R₃ and R₅ are hydrogen,

R₄ is butyl, amyl, hexyl, heptyl, octyl, nonyl, decyl, undecyl or dodecyl and

R₆ is di-C₁-C₆alkylamino-C₁-C₆alkyl, mono-C₁-C₆alkylamino-C₁-C₆alkyl, or -(CH₂)₂-(O-(CH₂)₂)₁₋₂-NH₂.

44. **(new)** A method according to claim 43 wherein

R₁ is methyl,

R₂ is hydrogen,

R₃ is hydrogen,

R₄ is butyl, amyl, hexyl, heptyl, octyl, nonyl, decyl, undecyl or dodecyl and

R₅ and R₆ together form a pyrrolidine, piperidine or morpholine ring;

or

R₁ is methyl,

R₂ is hydrogen,

R₃ and R₄ together form a pyrrolidine, piperidine or morpholine ring,

R₅ is hydrogen and

R₆ is butyl, amyl, hexyl, heptyl, octyl, nonyl, decyl, undecyl or dodecyl.

45. **(new)** A method according to claim 44 wherein

R₁ is methyl,

R₂ is hydrogen,

R₃ is hydrogen,

R₄ is butyl, amyl, hexyl, heptyl, octyl, nonyl, decyl, undecyl or dodecyl and

R₅ and R₆ together form a pyrrolidine;

or

R₁ is methyl,

R₂ is hydrogen,

R₃ and R₄ together form a pyrrolidine ,

R₅ is hydrogen and

R₆ is butyl, amyl, hexyl, heptyl, octyl, nonyl, decyl, undecyl or dodecyl.

46. **(new)** A method according to claim 44 wherein

R₁ is methyl,

R₂ is hydrogen,

R₃ is hydrogen,

R₄ is hexyl, heptyl, octyl, nonyl or decyl and

R₅ and R₆ together form a pyrrolidine, piperidine or morpholine ring;

or

R₁ is methyl,
R₂ is hydrogen,
R₃ and R₄ together form a pyrrolidine, piperidine or morpholine ring,
R₅ is hydrogen and
R₆ is hexyl, heptyl, octyl, nonyl or decyl.

47. **(new)** A method according to claim 46 wherein

R₁ is methyl,
R₂ is hydrogen,
R₃ is hydrogen,
R₄ is hexyl, heptyl, octyl, nonyl or decyl and
R₅ and R₆ together form a pyrrolidine ring;

or

R₁ is methyl,
R₂ is hydrogen,
R₃ and R₄ together form a pyrrolidine,
R₅ is hydrogen and
R₆ is hexyl, heptyl, octyl, nonyl or decyl.

48. **(new)** A method according to claim 47 wherein

R₁ is methyl,
R₂ is hydrogen,
R₃ is hydrogen,
R₄ is octyl and
R₅ and R₆ together form a pyrrolidine ring;

or

R₁ is methyl,
R₂ is hydrogen,
R₃ and R₄ together form a pyrrolidine,
R₅ is hydrogen and
R₆ is octyl.

49. **(new)** A method according to claim 43 wherein

R_1 is methyl,

R_2 is straight chain C_3 - C_8 alkyl,

R_3 and R_5 are hydrogen,

R_4 is butyl, amyl, hexyl, heptyl, octyl, nonyl, decyl, undecyl or dodecyl

R_6 is di- C_1 - C_6 alkylamino- C_1 - C_6 alkyl, mono- C_1 - C_6 alkylamino- C_1 - C_6 alkyl, or $-(CH_2)_2-(O-(CH_2)_2)_{1-2}-NH_2$.

50. **(new)** A method according to claim 49 wherein

R_6 is $-(CH_2)_2-(O-(CH_2)_2)_{1-2}-NH_2$.

51. **(new)** A method according to claim 49 wherein

R_4 is hexyl, heptyl, octyl, nonyl, decyl.

52. **(new)** A method according to claim 50 wherein

R_4 is hexyl, heptyl, octyl, nonyl, decyl.

53. **(new)** A method according to claim 50 wherein R_2 is hexyl and R_4 is octyl.